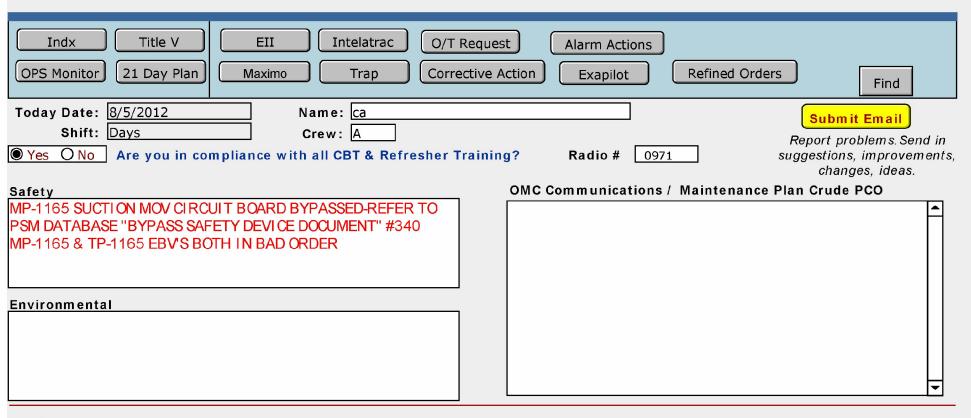
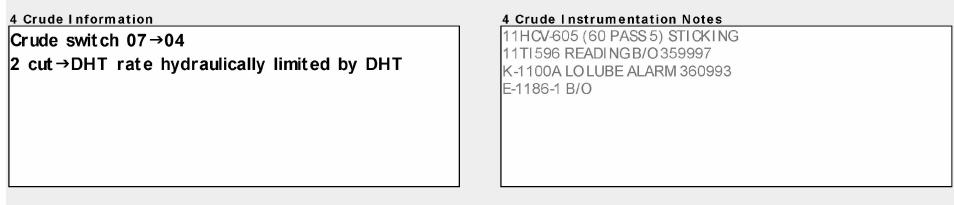
Distillation & Reforming 4 Crude PCO

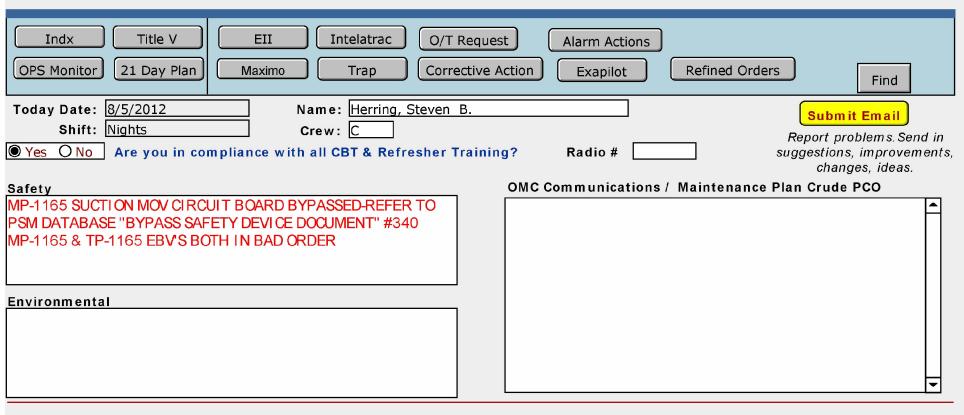


4 Crude



		Feed Tan	ıks	
PUMP#	Tank # Cru	ude Type	Gravity	FD Rate
P4700	3104 Ara	ab	34.6/.01/.0	1 190
P4701	3103 ANS	S	33.2/0/.80	60
P4702				
● On C		IC If C MC If C DMC If C	Off, Why: Off, Why: Off, Why: Off, Why: Off, Why:	

Distillation & Reforming 4 Crude PCO



4 Crude

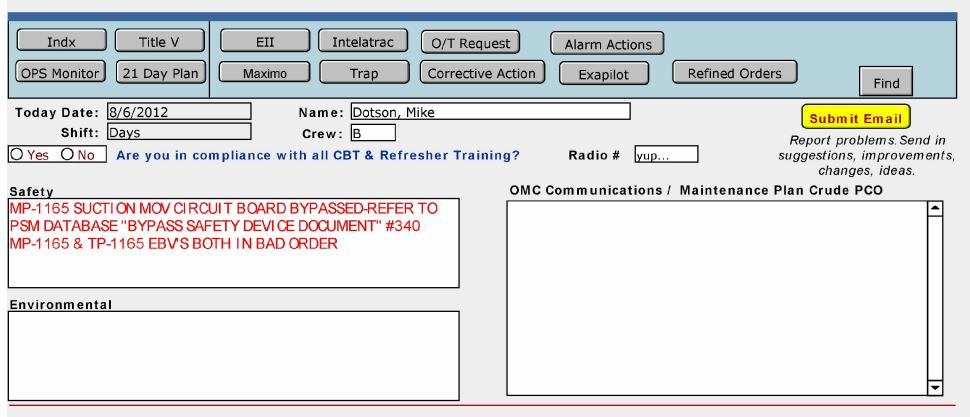
8/11/20 11:28:30

4 Crude Information	4 Crude Instrumentation Notes
Crude switch 07→04 2 cut→DHT rate hydraulically limited by DHT	11HCV-605 (60 PASS 5) STICKING 11TI 596 READING B/O 359997 K-1100A LO LUBE ALARM 360993 E-1186-1 B/O

D&R Crude PCO Turnover

		Feed Tan	ıks	
PUMP#	Tank # C	Crude Type	Gravity	FD Rate
P4700	3104 A	Arab	34.6/.01/.01	190
P4701	3103 A	ANS	33.2/0/.80	60
P4702				
● On C	O Off ATMOS O Off VAC. D O Off STAB.	DMC If C	Off, Why:	
● On C	Off F11001	BDMC If C	Off, Why:	

Distillation & Reforming 4 Crude PCO



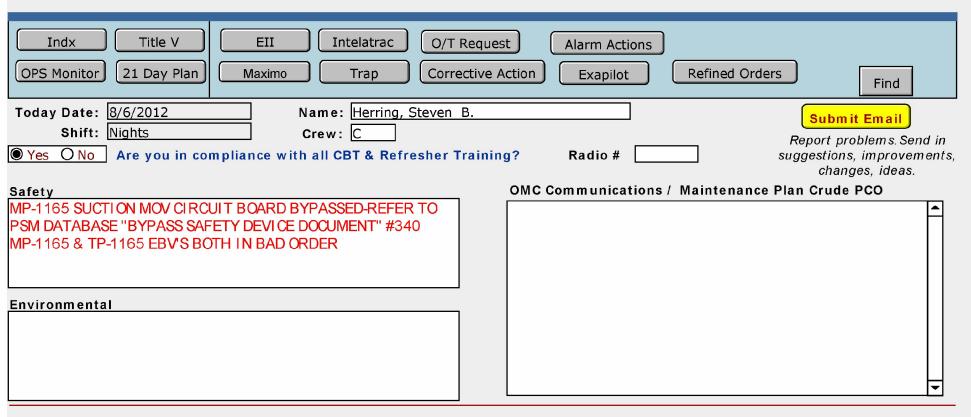
8/11/20 11:28:30

4 Crude	
4 Crude Information * P-1195A, clean-up and LOTO, updating seals. * P-1149's, leak under insulation, cutting feed, CFD on scene. * Crude Feed, cut 10m.	4 Crude Instrumentation Notes 11HCV-605 (60 PASS 5) STICKING 11TI596 READING B/O 359997 K-1100A LO LUBE ALARM 360993 E-1186-1 B/O
 2 cut → DHT rate hydraulically limited by DHT	
	Long Term Issues

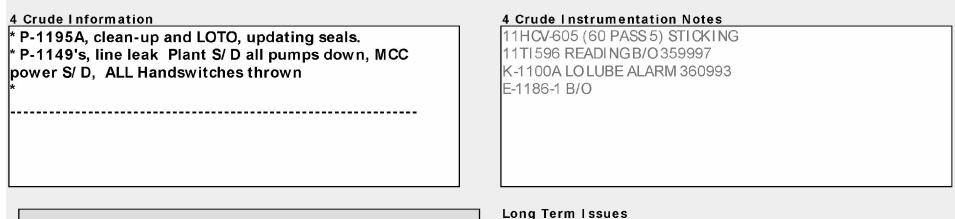
D&R Crude PCO Turnover

		Feed Tan	ks	
PUMP#	Tank # C	rude Type	Gravity	FD Rate
P4700	3104 A	rab	34.6/.01/.01	190
P4701	3103 AI	NS	33.2/0/.80	60
P4702				
<pre>① On C</pre>	Off ATMOS Off VAC. DI Off STAB. I Off F1100A	MC If O DMC If O A DMC If O	Off, Why: Off, Why: Off, Why: Off, Why:	

Distillation & Reforming 4 Crude PCO



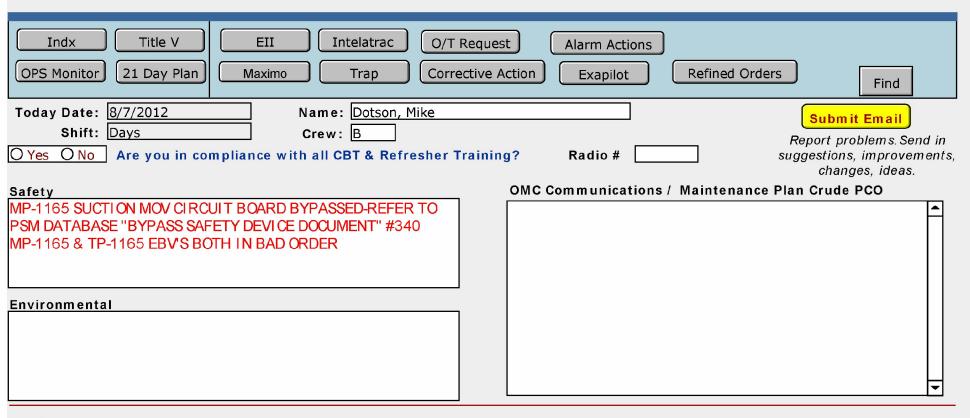
4 Crude



D&R Crude PCO Turnover

		Feed	d Tanks	
PUMP#	Tank #	Crude Ty	pe Gravity	FD Rate
P4700	3104	Arab	34.6/.01/.01	190
P4701	3103	ANS	33.2/0/.80	60
P4702				
O On C		рмс	If Off, Why: If Off, Why: If Off, Why: If Off, Why: If Off, Why:	

Distillation & Reforming 4 Crude PCO



4 Crude

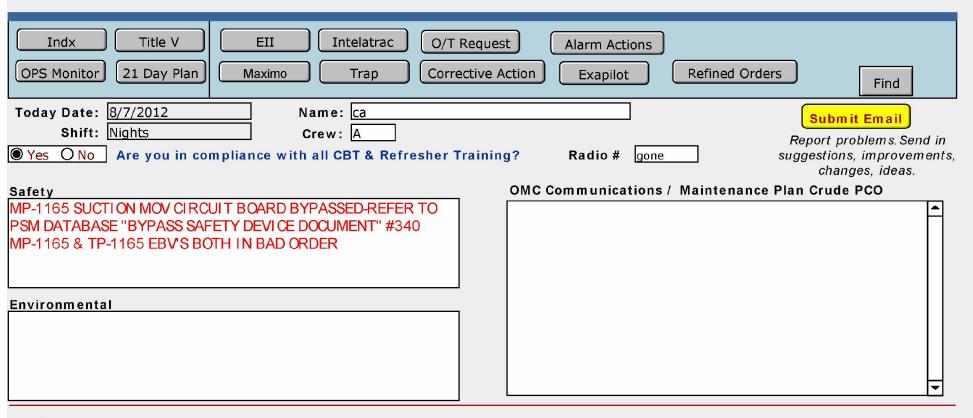
4 Crude Information	4 Crude Instrumentation Notes
* Plant S/ D, all pumps down, MCC power S/ D, ALL Hand switches thrown.	11HCV-605 (60 PASS 5) STICKING 11TI596 READING B/O 359997 K-1100A LO LUBE ALARM 360993 E-1186-1 B/O

Long Term Issues

D&R Crude PCO Turnover

P4701 3103 ANS 33.2/0/.80 60
P4701 3103 ANS 33.2/0/.80 60
P4701 3103 ANS 33.2/0/.80 60 P4702
D4702
17102
On Off ATMOS. DMC If Off, Why: Unplanned Shutdown On Off VAC. DMC If Off, Why: Unplanned Shutdown On Off STAB. DMC If Off, Why: Unplanned Shutdown On Off F1100A DMC If Off, Why: Unplanned Shutdown On Off F1100B DMC If Off, Why: Unplanned Shutdown

Distillation & Reforming 4 Crude PCO



4 Crude

4 Crude Information

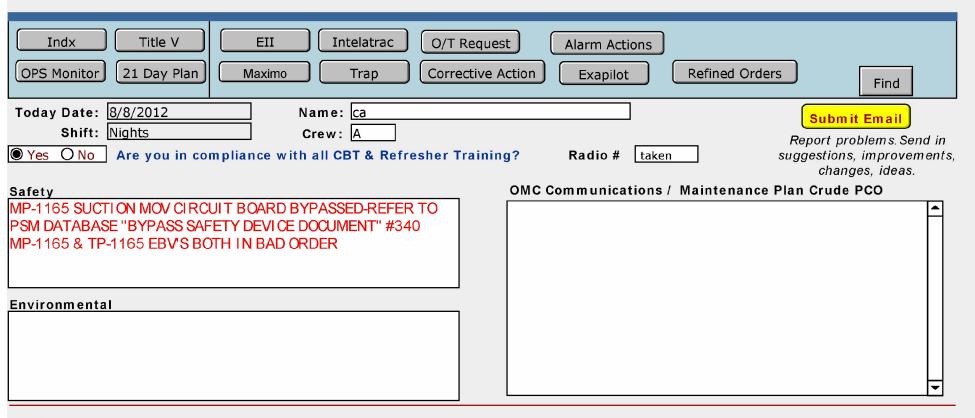
8/11/20 11:28:30

Flushed 8 cut → stg tk for 1 hour FT-095 (Grub line) FE flange needs the gasket renewed Stm to vac jets reduced N2→C-1160 VTCR D/S of FCV-69 N2→crude unit 11Fl 046 was reading 157MCFD but went BP @0944 hrs 8/7/12. Reduced this rate per C1160 vacuum Steam→east end of fan deck Various pumps VOC vents isolated (list in coord T/O)

11HCV-605 (60 PASS 5) STICKING 11TI596 READINGB/0359997 K-1100A LO LUBE ALARM 360993 E-1186-1 B/O

		Feed Tar	ıks	
PUMP#	Tank #	Crude Type	Gravity	FD Rate
P4700	3104	Arab	34.6/.01/.01	190
P4701	3103	ANS	33.2/0/.80	60
P4702				
O On C		DMC If O B. DMC If O OADMC If O	Off, Why: Off, Why: Off, Why: Off, Why:	

Distillation & Reforming 4 Crude PCO



4 Crude

Pressure tested 4CU relief line w/N2 to 5 PSIG & lost 3 PSIG per hour V-1198→V-3211 150 PSIG stm branch→burn zone isolated Portable pump for atmos btms→P-1165 suction WIP Flushed 8 cut→stg tk for 1 hour FT-095 (Grub line) FE flange needs the gasket renewed Stmto vac jets reduced N2→C-1160 VTCR D/S of FCV-69

4 Crude Instrumentation Notes 11HCV-605 (60 PASS 5) STICKING 11TI596 READING B/O 359997 K-1100A LO LUBE ALARM 360993 E-1186-1 B/O

		Feed Ta	nks	
PUMP#	Tank #	Crude Type	Gravity	FD Rate
P4700				
P4701				
P4702				
<u> </u>	Off ATMO	S. DMC If	Off, Why:	
On	Off VAC.	DMC If	Off Why	
			Off, Why:	
0 On 0	Off STAB	. DMC If	Off, Why:	
O On O	Off F1100	DADMC If	Off, Why:	
0 0n 0	Off F1100	BDMC If	Off, Why:	